

Complexity

FIGURE 1

Complexity

FIGURE 2

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
3. S. Haykin and S. Puthusserypande, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. I.I. Goldstein, "Scattering in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 3

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
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4. I.I. Goldstein, "Scattering in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 4

00670723528460

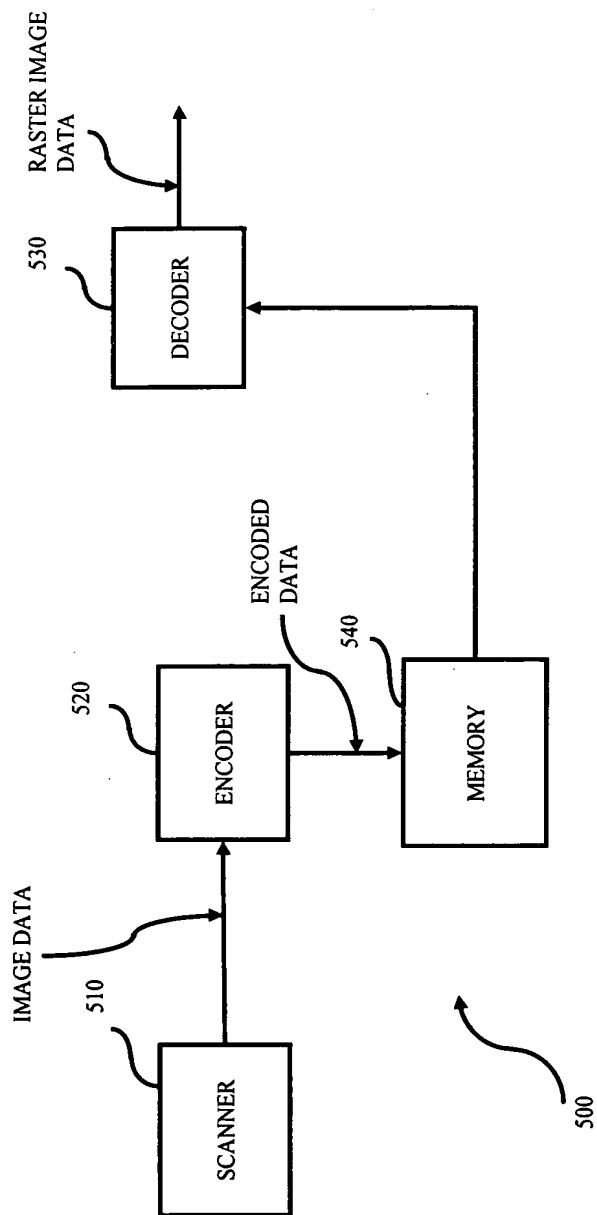


FIGURE 5

006TFD-28528460

Figure 7

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Figure 13

1. G. Nishikie and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthussarypady, "Chaotic dynamics of sea clutter," *CH440A*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

Figure 14

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2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthussarypady, "Chaotic dynamics of sea clutter," *CH440A*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

Figure 15

1. G. Nishikie and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 335-366, 1989.
3. S. Haykin and S. Puthussarypady, "Chaotic dynamics of sea clutter," *CH440A*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," in D.B. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

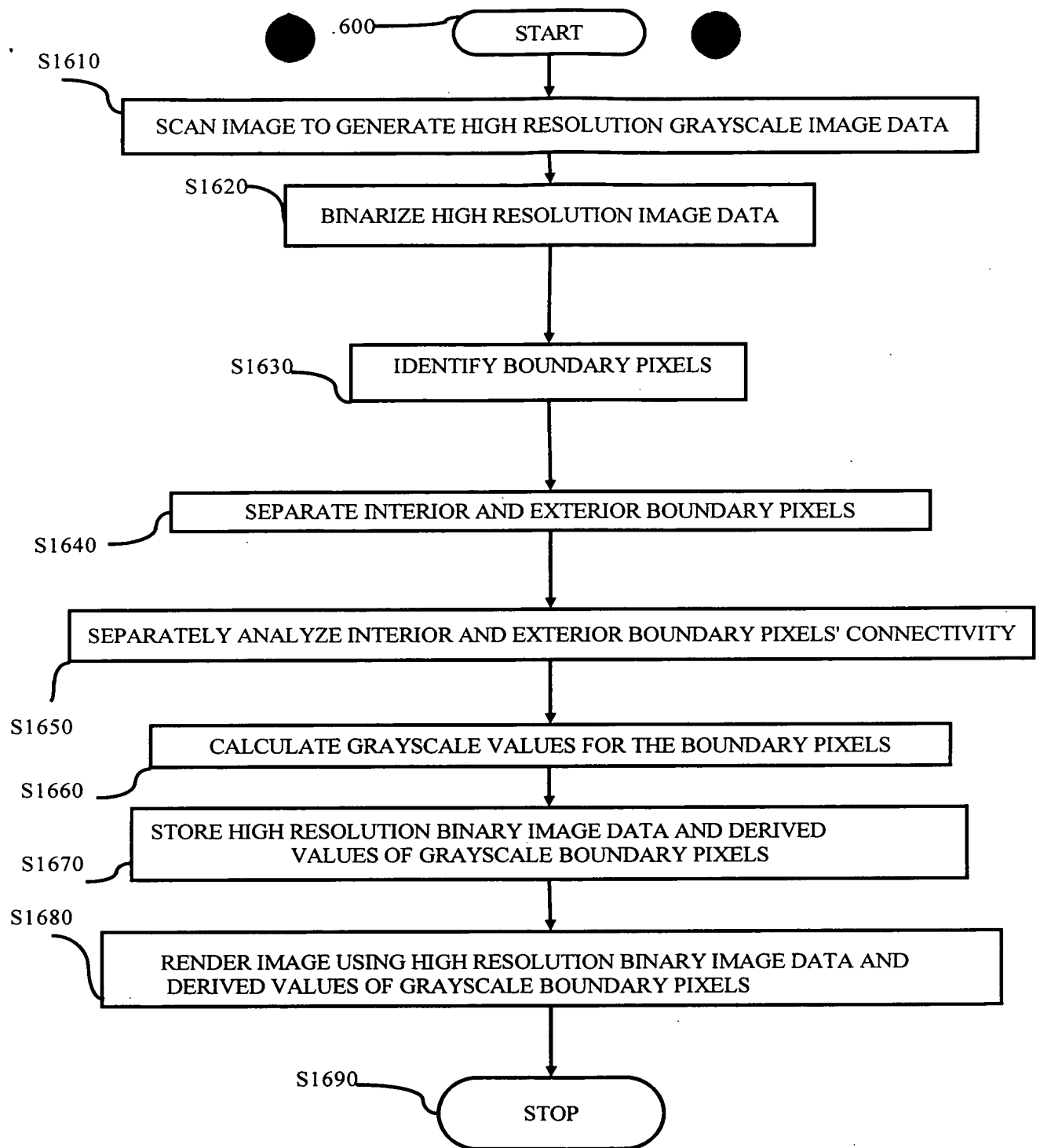


Figure 16

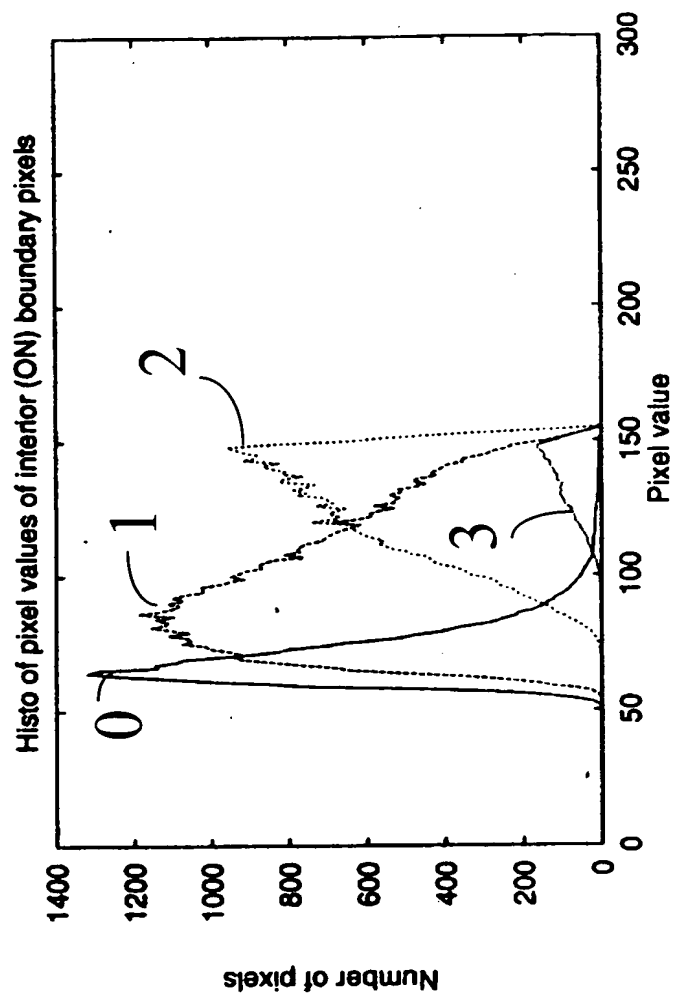


Figure 17

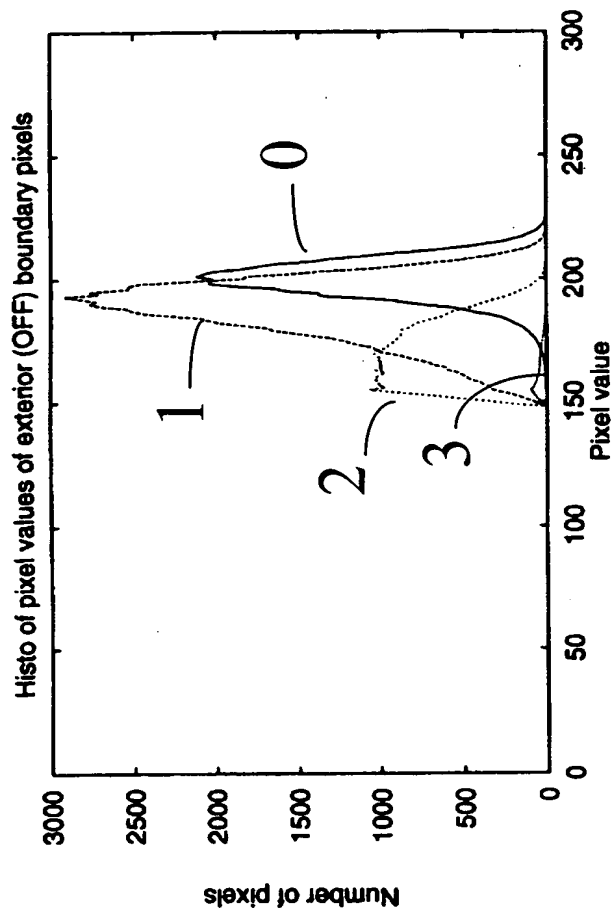


Figure 18

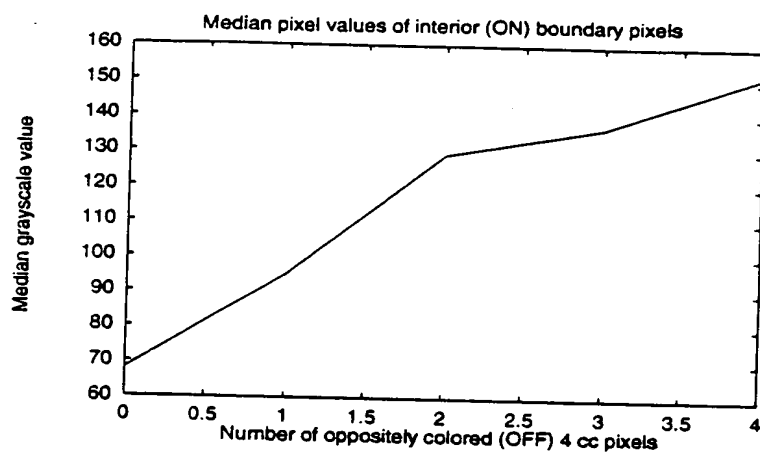


Figure 19

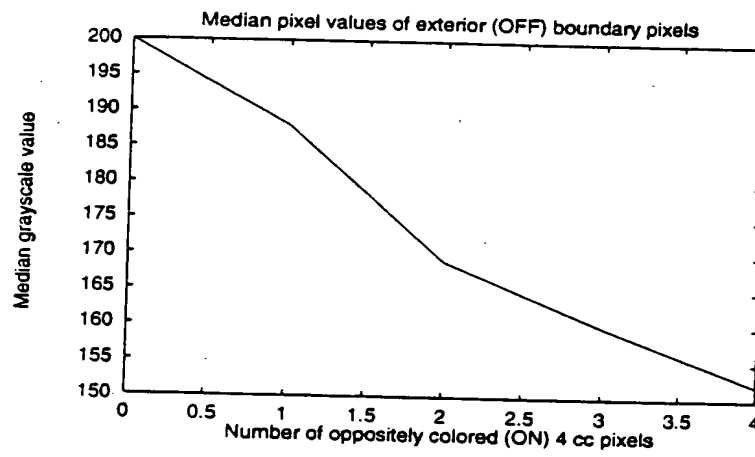


Figure 20

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FIGURE 21

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 355-386, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
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FIGURE 22

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1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 355-386, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In: D.K. Kerr, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6:6, McGraw-Hill, 1961.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 24

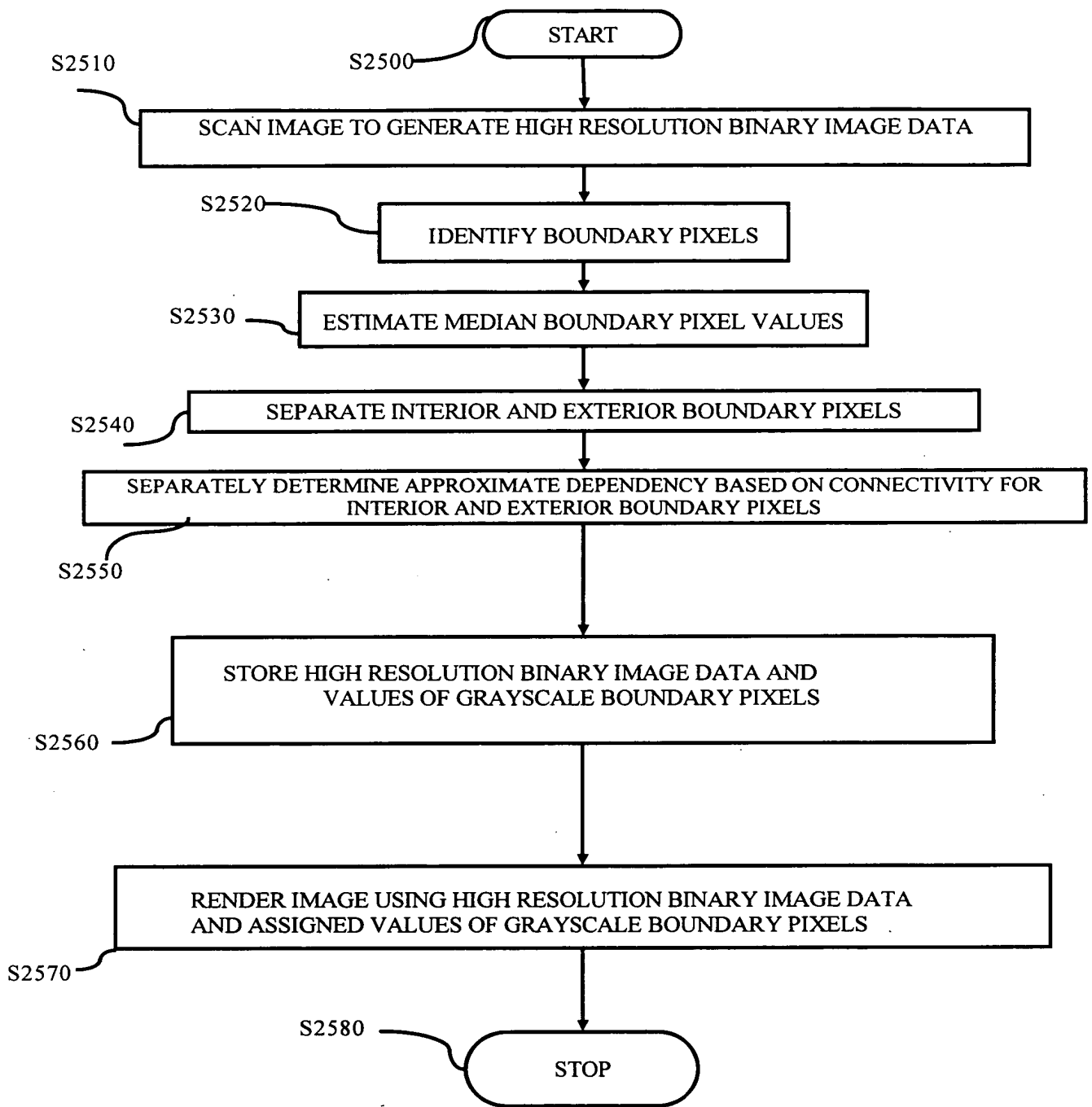


Figure 25

[illegible]

1. G. Nicolis and I. Prigogine, "Explaining Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casaghi, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-566, 1989.
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FIGURE 27

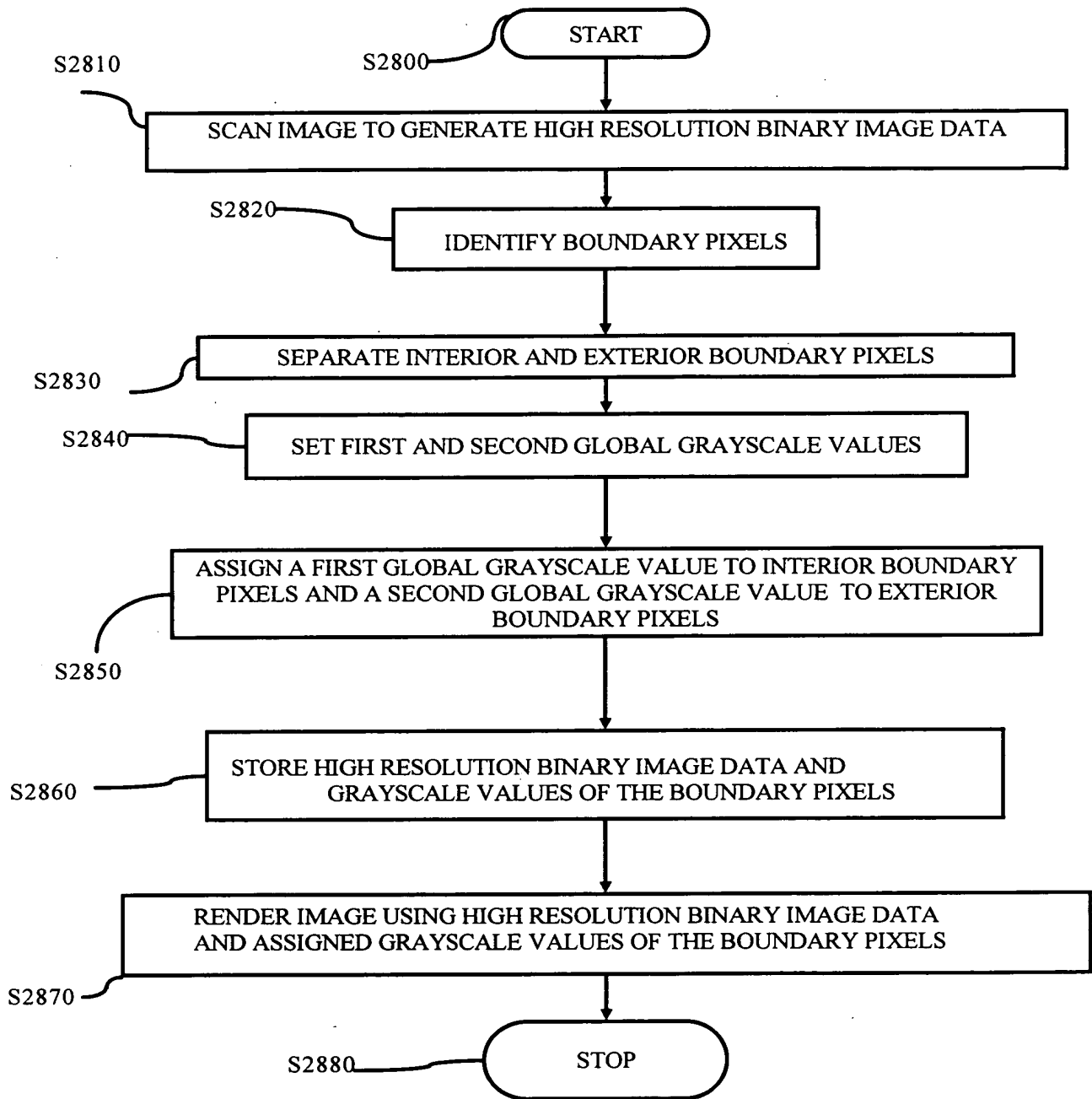


Figure 28

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FIGURE 29

1. G. Nicolis and L. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 55, pp. 555-586, 1989.
3. S. Haykin and S. Puthusserypady, "Chaotic dynamics of sea clutter," *CHAOSS*, Vol. 7, No. 6, pp. 777-802, December 1997.
4. H. Goldstein, "Scattering propagation of short radio waves," in *IMA Report*, editor, MIT Radiation Laboratory Series, Vol. 13, Section 6.6, McGraw-Hill, 1958.
5. M. Steinhilber, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 30

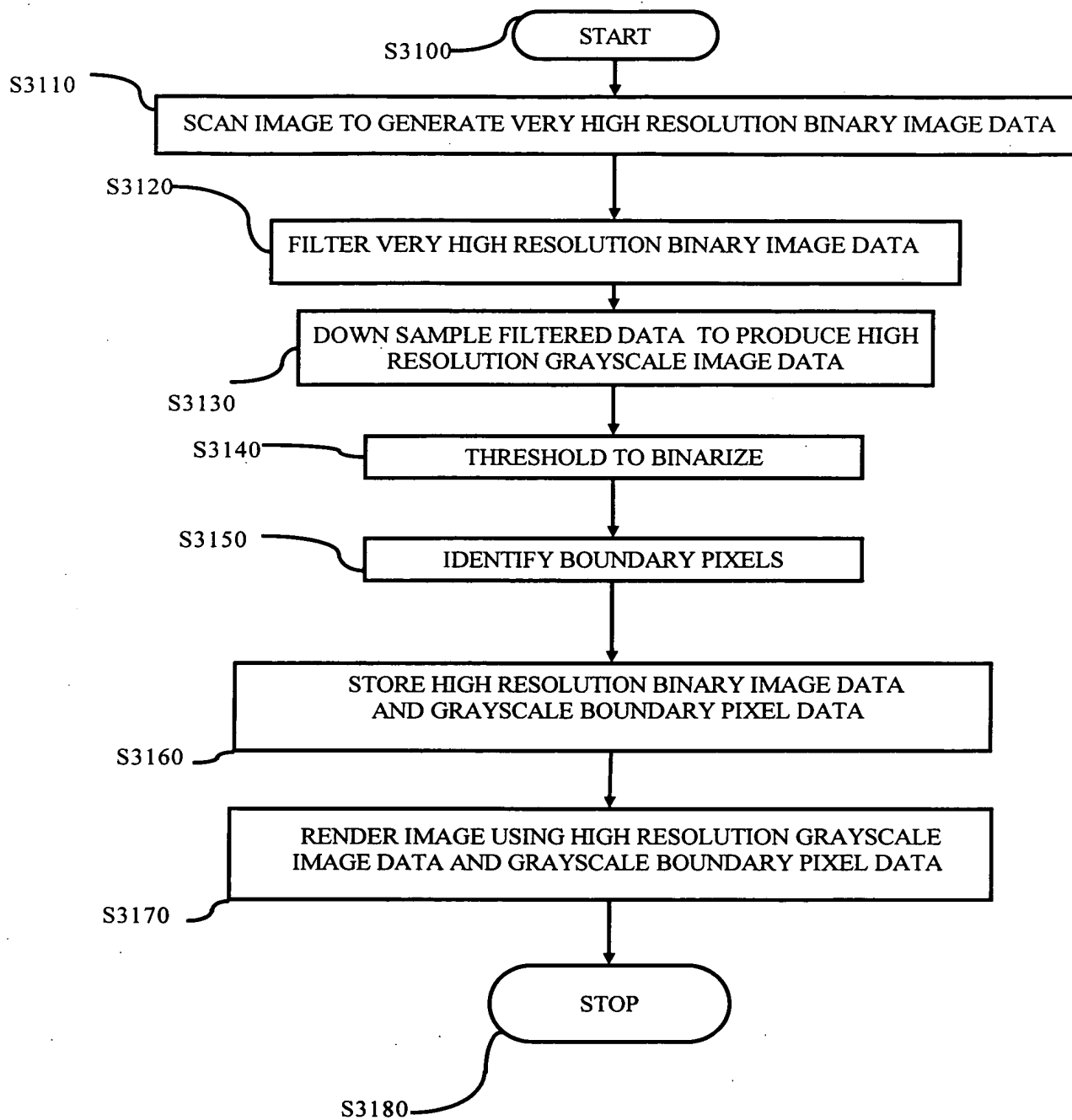


Figure 31

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FIGURE 32

1. G. Nicolis and I. Prigogine, "Exploring Complexity: An Introduction," W.H. Freeman, 1989.
2. M. Casdagli, "Nonlinear prediction of chaotic time series," *Physica D* 35, pp. 325-356, 1989.
3. S. Haykin and S. Puthenveedu, "Chaotic dynamics of sea clutter," *CHAOA*, Vol. 7, No. 4, pp. 777-802, December 1997.
4. H. Goldstein, "Sea echo in propagation of short radio waves," In D.B. Kerr, editor, *MRI Radiation Laboratory Series*, Vol. 13, Section 6.6, McGraw-Hill, 1951.
5. M. Skolnik, editor, "Radar Handbook," Second edition, McGraw-Hill, 1990.

FIGURE 33